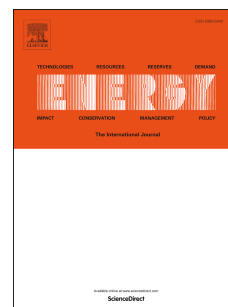


Accepted Manuscript

Shedding light on energy transition: Special issue dedicated to 2016 conferences on sustainable development of energy, water and environment systems

Natasa Markovska, Neven Duić, Brian Vad Mathiesen, Zvonimir Guzović, Holger Schlör, Ilija Batas Bjelić, Henrik Lund



PII: S0360-5442(17)32043-1

DOI: [10.1016/j.energy.2017.12.024](https://doi.org/10.1016/j.energy.2017.12.024)

Reference: EGY 11973

To appear in: *Energy*

Please cite this article as: Markovska N, Duić N, Mathiesen BV, Guzović Z, Schlör H, Bjelić IB, Lund H, Shedding light on energy transition: Special issue dedicated to 2016 conferences on sustainable development of energy, water and environment systems, *Energy* (2018), doi: 10.1016/j.energy.2017.12.024.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Shedding Light on Energy Transition: Special Issue Dedicated to 2016 Conferences on Sustainable Development of Energy, Water and Environment Systems

Natasa Markovska^a, Neven Duić^b, Brian Vad Mathiesen^c, Zvonimir Guzović^b, Holger Schlör^d,
Ilija Batas Bjelić^e, Henrik Lund^f

^a Research Center for Energy and Sustainable Development, Macedonian Academy of Sciences and Arts, Krste Misirkov 2, Skopje, Macedonia; e-mail: natasa@manu.edu.mk

^b Department of Energy, Power Engineering and Environment, Faculty of Mechanical Engineering and Naval Architecture, University of Zagreb, Ivana Lučića 5, 10002 Zagreb, Croatia; e-mails: neven.duic@fsb.hr, zvonimir.guzovic@fsb.hr

^c Department of Development and Planning, Aalborg University, A.C. Meyers Vænge 15, DK-2450, Copenhagen SV, Denmark; e-mail: bvm@plan.aau.dk

^d Forschungszentrum Jülich, Institute of Energy and Climate Research (IEK-STE), 52425 Jülich, Germany; e-mail: h.schloer@fz-juelich.de

^e School of Electrical Engineering Belgrade, Bulevar kralja Aleksandra 73, 11120 Belgrade, Serbia; e-mail: batas@etf.rs

^f Department of Development and Planning, Aalborg University, Rendsburggade 14, 9000 Aalborg, Denmark; e-mail: lund@plan.aau.dk

Ever since 2002, when the first Conference on Sustainable Development of Energy, Water and Environment Systems (SDEWES) was held in Dubrovnik, the SDEWES conferences series has been providing a forum for world-wide scientists and those interested in learning about the sustainability of development, to present research progress and to discuss the state of the art, the future directions and priorities in the various areas of sustainable development. This includes the improvement and dissemination of knowledge on methods, policies and technologies for increasing the sustainability of development, taking into account its economic, environmental and social pillars, as well as methods for assessing and measuring sustainability of development, regarding energy, transport, water, food production and environment systems and their many combinations. SDEWES has maintained high publishing standard as nearly 1100 SDEWES papers are published in special issues of leading scientific journals including "Energy - The International Journal".

In 2016, the two SDEWES conferences - the regional one, South East European (2nd SEE SDEWES, 15-18 June, Piran/ Portorož, Slovenia) and the regular one (11th SDEWES, 4-8 September, Lisbon, Portugal) delivered 538 contributions and 10 special sessions devoted to various sustainability topics. The Energy journal has continued its cooperation with SDEWES launching a special issue dedicated to both 2016 Conferences (SDEWES 2016 SI). It includes 35 papers which focus on various low-carbon technologies in energy supply, buildings, transport, and industry, as well as address other key issues like demand response, co-benefits to other energy policies objectives, the role of declining costs for renewables and markets - all needed to facilitate energy sector transition. This editorial outlines SDEWES contribution, including of SDEWES 2016 SI, in shedding light on the essential elements of that transition.

Download English Version:

<https://daneshyari.com/en/article/8072419>

Download Persian Version:

<https://daneshyari.com/article/8072419>

[Daneshyari.com](https://daneshyari.com)